

AUTHOR INDEX, VOLUME 29 (1984)

McClosky, Timothy J 400

McPeck, Michael 384

Magrosky, Sandra 21

Mangus, Mark W 1160

Marini, John J 516

Marshall, Terry A 138

Mathewson, Hugh S 59, 760, 1088, 1202

Maxwell, Christopher 756, 833, 1135, 1150

Menendez, Roger 857

Metzger, Louis F 770

Monast, Ramon L 994

Morrow, Calvin F 263

Myers, Carroll 21

Nelson, Cynthia M 1140

Nuland, Sherwin B 77

Oberg, Leonard G 168

Off, David 169

O'Hara, William J 1202

Osgood, C Francis 25

Pai, Sharada 138

Paluch, Bernard R 308

Pardy, Richard L 278

Pavlin, Edward G 630

Perch, Stanley A Jr 1009

Peters, Gene M 736

Petterson, Michael T 730

Petty, Thomas L 1144

Pierson, David J 459, 603, 1013

Pucilo, Norman P 144

Pursley, Douglas M 169

Realy, Alan M 1009

Renahan, Mea C 1202

Reynolds, Jane 395

Rhem, Stanley R 1147

Sanjabi, Parvis B 303

Schachter, E Neil 35, 147

Schlotter, Dzintra G 1202

Schwartz, Susan 50

Seidenfeld, John J 46

Shefet, Dganit 1135

Shapiro, Barry A 144

Shippy, Merrill B 730

Shivers, Connstance R 730

Shuman, Jeffrey 21

Siefkin, Allan D 753

Silage, Dennis A 756, 833

Sirik, Zafra 132

Sjostrand, Ulf H 76

Slaughter, Marcia S 25

Smith, J Philip 753

Smith, R Brian 76

Steinberg, Harry 750

Stenzler, Alex 750

Stewart, Jim 380

Stover, Diane E 19

Suffredini, Anthony F 641

Sullivan, William J 736

TenEyck, Lawrence G 155

Tobin, Martin J 641

Tyler, Martha L 472

Vender, Jeffrey S 1237

Waggener, Thomas B 811, 817

Walton, John R 1237

Wanger, Jack 161, 765, 1240, 1245

Ward, Jeffrey J 164

Warren, Robert Hughes 829

Watson, M Hunter 25

Whitman, Robert A 730

Wilson, Roger S 273

Witek, Theodore J Jr 35, 147

Woodward, Camille G 63

Young, K Randall Jr 35

Zahodnic, Richard J 405

Zavala, Donald C 46

Zeballos, R Jorge 161

Ziment, Irwin 652

Subject Index

Subject Index to Volume 29 (1984)

1-104 JAN	329-424 APR	713-792 JUL	961-1120 OCT
105-216 FEB	425-568 MAY	793-872 AUG	1121-1184 NOV
217-328 MAR	569-712 JUN	873-960 SEP	1185-1272 DEC

Entries refer to articles or case reports unless otherwise identified.

- Acid-base interpretation, Hand-held computer as teaching tool for 375
- Acid-base map/arterial blood-gas interpretation program for hand-held computers 833
- Admissions criteria relationship to attrition in respiratory therapy education 823
- Adult respiratory distress syndrome, Long-term evaluation following 132
- Adult respiratory distress syndrome: Treatment in next decade 249
- Aerosol therapy: Effects of racemic epinephrine in preterm infants 138
- AIDS = acquired immune deficiency syndrome
- Case with pneumocystis carinii pneumonia 50
 - Epidemic of decade and medical mystery of century (editorial) 19
 - Implications for respiratory care practitioners 35
 - Update (report) 54
- Air entrainment in high frequency ventilation with multiple-lumen endotracheal tubes 76
- Air entrainment revisited (letter) 77
- Air pollution, Indoor and respiratory health 147
- Airway management in perioperative period 529
- Anesthesia effects on respiratory system 463
- Answer key to NBRC certification exam for entry level pulmonary function technologists 397
- ABG interpretation program for hand-held computer 833
- ABG measurements with AVL 940 microsample analyzer 1006
- Arterial oxygen tension, Effect of nasal cannula displacement on 21
- 'Artificial nose' humidifier, effectiveness of Servo SH 150 1009
- Atelectasis, Postoperative: Pathophysiology, clinical importance and principles of management 516
- Attrition in respiratory therapy education: Causes and relationship to admissions criteria 823
- AVL 940 microsample analyzer, Accuracy and precision of ABG measurements from 1006
- Backpacking, Weightlifting and, in COPD 1202
- Basics of RD: Medical history in pulmonary disease 68
- Benchmark series, Respiratory Care (foreword to perioperative special issue) 457
- Biox II ear oximeter, Clinical evaluation of the BTI 730
- Blood Gas Corner #10: Pulmonary embolus 1237
- Body positioning and immobilization, Respiratory effects of 472
- Book Review: "Clinical Practitioners' Guide to Respiratory Care" 1249
- Book Review: "Control of Respiration" 1155
- Book Review: "Pulmonary Hypertension" 1155
- Book Review: "Pulmonary Medicine Case Studies" 1248
- Book Review: "Respiratory Care Case Studies" 1248
- Bronchial circulatory system: Structure, function and importance 1226
- Bronchoscopy, oral fiberoptic, Oxygen delivery during 46
- Caffeine, Renascence of (Drug Capsule) 1088
- Cannula, nasal, Effect of displacement on arterial oxygen tension 21
- Carboxyhemoglobin and methemoglobin, Effects on pulmonary shunt value of measured versus calculated oxygen saturation and correcting for 1001
- Certification for pulmonary function technologist, Development of 273
- Check valve, Bear, problem? (letter and response) 1159
- Circuit-change frequency, Ventilator (letter) 308
- Circulatory system, Bronchial, structure, function and importance 1226

SUBJECT INDEX, VOLUME 29 (1984)

- Complications, pulmonary, of surgery, Respiratory therapy to prevent 667
- Complications, pulmonary: influences of postoperative pain control on 667
- Complications, postoperative, pulmonary, Clinical risk factors for 484
- Computer, Hand-held as teaching tool for acid-base interpretation 375
- Computers in critical care and pulmonary medicine, Fifth annual symposium (report) 384
- Computer programs for:
 - quality control in blood gas laboratory 371
 - arterial blood gas interpretation 756
 - acid-base map/ABG interpretation 833
 - prediction of inspired O₂ concentration needed for desired PaO₂ 1135
- Control, respiratory: Development of in fetus 811
- Control, respiratory, Development of: Newborn infant 817
- CO₂ retention, Causes in COPD patients breathing supplemental oxygen (letter) 167
- Contusion, unilateral pulmonary, Treatment with synchronous independent lung ventilation 361
- COPD, Weight training and backpacking in 1202
- Correction 683
- CPAP, PEEP and, in perioperative respiratory care 614
- CPAP, PEEP, and, Modification of infant resuscitator for 270
- CPAP system, difference in oxygen cost (of breathing) (letter) 308
- CPR manikin decontamination (report) 1250
- Critical Care Medicine Symposium, Society for (report) 1150
- Cuff inflation, minimal leak technique (letter) 168
- Decontamination of CPR manikins (report) 1250
- Devices, methods, and services
 - AVL 940 ABG analyzer 1006
 - Battery pack for Hewlett-Packard ear oximeter 1140
 - BTI Biox II ear oximeter 730
 - Critikon Respiratory Monitoring System - effect of use on ventilator check time 144
 - Connecting PFT equipment to patients with permanent tracheostomies 753
 - Mechanical ventilation with helium-oxygen mixtures 155
 - Laerdal infant resuscitator modifications for PEEP and CPAP 270
 - O₂ delivery during fiberoptic bronchoscopy 46
 - O₂ delivery for manual resuscitators 919
 - O₂ delivery via face tents 994
 - Pneumotachographs 736
 - Servo SH 150 'artificial nose' humidifier 1009
 - Sonic Mist ultrasonic room humidifier 893
 - Spirometry outreach services 905
 - Vitimeter 1144
- Diffusing capacity, effect of hemoglobin and alveolar volume on (PFT Corner) 1240
- Drug Capsule: Pulmonary oxygen toxicity: potentiators and protectors 760
- Drug Capsule: Renascence of caffeine 1088
- Drug Capsule: War on *Pseudomonas* 59
- Ear oximeter evaluation 730
- Education, Attrition in respiratory therapy education 823
- Endotracheal tube, Fatal obstruction by an intestinal roundworm 368
- Endotracheal tube, minimal leak technique for cuff inflation (letter) 168
- Entrainment, Air, in high frequency ventilation (letter) 76
- Entrainment, Air, revisited (letter) 77
- Epinephrine, Effects of racemic, in preterm infants 183
- Evaluation, Clinical, BTI Biox II ear oximeter 730
- Examination, NBRC certification, for pulmonary function technologists 286
- Expectation, Role, of the respiratory therapy practitioner 900
- Face tents, Problems with oxygen concentrations 994
- Fenestration, Individualized, of tracheostomy tubes (letter) 1246
- Fetal breathing movements 811
- Flow-volume curve, Three-dimensional view 380
- Flow-volume curves, Geometric technique for partitioning 1147
- Glass ampules, possible problem with (letter and reply) 854
- Hazard, Potential, "low dead space" resuscitation elbows and tracheal tube connectors (letter) 78
- Head injury, associated pulmonary complications 263
- Health, respiratory, Indoor air pollution and 147
- Helium-oxygen, Methods and guidelines for mechanical ventilation 155
- Hemodynamic monitoring in respiratory care 25
- Hemodynamic monitoring: Its relationship to stroke volume (letter and reply) 854
- Hemoglobin, effect on measurement of diffusing capacity (PFT Corner) 1240
- High frequency jet ventilation during mechanical hyperventilation for control of elevated intracranial pressure 1221
- High frequency jet ventilation in a 1-year-old child 913
- High frequency jet ventilation, Puzzle of (editorial) 1999
- High frequency ventilation: State of the art symposium (report) 839
- History, Medical, in pulmonary disease (Basics of RD) 68
- Home monitoring for SIDS (editorial) 809
- Humidifier, "artificial nose," Effectiveness of Servo SH 150 1009
- Humidifier, room, In-hospital evaluation of Sonic Mist ultrasonic 893
- Hyperoxygenation, presuction, Further comments on use of manual resuscitators in (letter) 406
- Hyperoxygenation, presuction, in favor of manual resuscitators for (letter) 405
- Hyperoxygenation, presuction, Still more on manual

- resuscitator versus mechanical ventilator (letter and reply) **1160**
- Immobilization, body positioning and, Respiratory effects of **472**
- Incentive spirometry and negative inspiratory force (letter) **404**
- Infection control and ventilator circuits (letter) **944**
- Lung resection, assessment for **506**
- Manual resuscitators, for pre-suction hyperoxygenation (letter) **405**
- Manual resuscitators, Further comments on hyperoxygenation **406**
- Manual resuscitators, Instant oxygen delivery for **919**
- Manuscript reviewers sought (editorial) **991**
- MA2+2 rate problem (letter and response) **167**
- Mechanical ventilation, Methods and guidelines with helium-oxygen for upper-airway obstruction **155**
- Methemoglobin and carboxyhemoglobin, Effects on pulmonary shunt value of measured versus calculated oxygen saturation and correction for **1001**
- Method for connecting pulmonary function testing equipment to patients with permanent tracheostomies **753**
- Methods, see Devices, methods, and services
- Minimal-leak technique, More on (letter) **168**
- Model manuscripts, What—another? (editorial) **113**
- Monitoring, computerized, Impact on ventilator check time **144**
- Monitoring, Hemodynamic, in respiratory care **25**
- Muscle training, Ventilatory **278**
- Muscular dystrophy patients, postoperative ventilatory management **829**
- NBRC certification examination for pulmonary function technologists **286**
- Negative inspiratory force, incentive spirometry and (letter) **404**
- New technology and financial imperative—Commentary on outreach for office spirometry (editorial) **890**
- Obstruction, airway, Unusual cause of severe (TYRS) **1081**
- Obstruction, Upper-airway, as late complication of postdiphtheritic laryngotracheal stenosis **750**
- Obstruction, upper-airway, Mechanical ventilation with helium-oxygen **155**
- Open Forum abstracts **1021**
- Open Forum author index **1074**
- Open Forum, Next-way out west and wide open (editorial) **359**
- Outreach, Watch out for (spirometry services) **905**
- Outreach systems, More on pulmonary (letter) **1164**
- Oximeter, ear, Clinical evaluation of BTI Biox II **730**
- Oximeter, ear, Hewlett-Packard Model 47201A, Battery-pack adaptation for **1140**
- Oximetry, Ear in clinical laboratory (PFT Corner) **161**
- Oximetry, Ear, method of determining home oxygen prescriptions **1211**
- Oxygen concentrations, problems with face tents **994**
- Oxygen cost (of breathing) differences between CPAP systems (letter) **308**
- Oxygen-delivering pacifier (letter) **1165**
- Oxygen delivery during oral fiberoptic bronchoscopy **46**
- Oxygen desaturation during closed-airway endotracheal suction, Effect of ventilator mode **1013**
- Oxygen, Instant for manual resuscitators **919**
- Oxygen saturation, effects on pulmonary shunt of using measured versus calculated **1001**
- Oxygen, supplemental, Causes of CO₂ retention in COPD (letter) **167**
- Oxygen tension ratio, use of arterial/alveolar, to predict needed oxygen concentration **1135**
- Oxygen therapy, ACCP, NHLBI (report) **922**
- Oxygen toxicity, Pulmonary: Potentiators and protectors (Drug Capsule) **760**
- Pacifier, Oxygen-delivering (letter) **1165**
- Pain control, Postoperative: Influence on pulmonary complications **630**
- PEEP and CPAP in perioperative respiratory care **614**
- PEEP and CPAP, Modification of infant resuscitator for **270**
- Perioperative period, Management of airway in **529**
- Perioperative pharmacologic management **652**
- Perioperative respiratory care special issue, Benchmark series (foreword) **457**
- Perioperative respiratory care in 1983-84, Conference summary **680**
- Perioperative respiratory care, Evolution of **459**
- Perioperative respiratory failure, Role of respiratory muscles **635**
- PFT Corner, Error in **407**
- PFT Corner:
 - #7—Ear oximetry in clinical laboratory **161**
 - #8—Cough, chest tightness and syncope in young man **400**
 - #9—Appropriate predicted equations: Race and ethnic issues **765**
 - #10—A case of worker's compensation **937**
 - #11—Unusual cause of severe airway obstruction **1081**
 - #12—Importance of correcting diffusing capacity for hemoglobin and alveolar volume **1241**
- Pharmacologic management, Perioperative **652**
- Pleural effusion, Postoperative: Clinical importance and principles of management **540**
- Plombage, paraffin, and bronchopleural fistula (TYRS) **164**
- Pneumograms, Role in prediction and prevention of SIDS (editorial) **809**
- Pneumotachographs: Theory and clinical application **736**
- Postoperative atelectasis: Pathophysiology, clinical importance, and principles of management **516**
- Postoperative pain control: Influence on pulmonary complications **630**
- Postoperative pleural effusion: Clinical importance and principles of management **540**
- Postoperative pulmonary complications, Clinical risk factors of **484**

SUBJECT INDEX, VOLUME 29 (1984)

- Postoperative ventilatory management 603
- Postoperative ventilatory management of muscular dystrophy patients following spinal fusion 829
- Prediction and prevention of SIDS: Is there a role for pneumograms or home monitoring? (editorial) 809
- Prediction equations, Race-specific—Misguided effort? (letter and response) 1245
- (Preoperative) assessment for lung resection 506
- Preoperative assessment of respiratory function 496
- Problems in delivering oxygen concentration via face tents 994
- Programs for computers — See computer programs
- PRP (Problem Reporting Program) Is there a problem with? (letter and response) 942
- Pseudomonas, War on (Drug Capsule) 59
- Pulmonary complications associated with head injury 263
- Pulmonary function technologist, NBRC exam, answer key 397
- Pulmonary function technologist, Certification examination development 273
- Pulmonary function technologists, NBRC certification examination 286
- Pulmonary function testing equipment, Method for connecting to patients with tracheostomies 753
- Pulmonary medicine and critical care, Computers in (report) 384
- Pulmonary oxygen toxicity: Potentiators and protectors (Drug Capsule) 760
- Quality control, computer program for blood gas laboratory 371
- Rate problem, MA2+2 (letter and response) 167
- Resection lung: preoperative assessment 506
- Respiratory care in 1983-84, Perioperative (conference summary) 680
- Respiratory care, perioperative, Evolution of 459
- Respiratory care, perioperative, PEEP and CPAP in 614
- Respiratory control development in fetus 811
- Respiratory control in newborn 811
- Respiratory distress, with chest and abdominal pain (TYRS) 303
- Respiratory failure, perioperative, Role of respiratory muscles in 635
- Respiratory function, Preoperative assessment of 496
- Respiratory system, Some effects of anesthesia and the anesthetized state on 463
- Respiratory therapy to prevent pulmonary complications of surgery 667
- Resuscitator, Laerdal infant, Modification for CPAP and PEEP 270
- Reviewer pool in "Wanted: A Word from the Wise" (editorial) 991
- Reviewers of manuscripts sought 991
- Role expectations of respiratory therapy practitioner as reported by role incumbent and other professionals 900
- Role of respiratory muscles in perioperative respiratory failure 635
- Roundworm, intestinal, cause of endotracheal tube obstruction 368
- Scholarships for ventilator-dependent students (letter) 946
- Services, see Devices, methods, and services
- Servo SH 150, "artificial nose" humidifier, Effectiveness of 1009
- Shunt value, pulmonary, Effect of measured versus calculated oxygen saturation and correcting for carboxyhemoglobin and methemoglobin 1001
- SIDS, Prediction and prevention, role for pneumograms and monitoring? (editorial) 809
- SIMV rates, More on (letter) 858
- Smoking cessation, Short-term effects of 641
- Society for Critical Care Medicine (SCCM) educational and scientific symposium (report) 1150
- Spinal-cord-injured patient, Radiographic evaluation (TYRS) 63
- Spirometric curves and flow-volume, Geometric technique for partitioning 1147
- Spirometry, Commentary on outreach for office (editorial) 890
- Spirometry services, Outreach 905
- Stenosis, postdiphtheritic laryngotracheal, Upper-airway obstruction as late complication 750
- Test your Radiologic Skill (TYRS):
 - Acute dyspnea and crepitation in an infant 763
 - Acute respiratory distress with severe chest and abdominal pain 303
 - Breathing difficulty in radiology suite 395
 - Radiographic evaluation of spinal-cord-injured patient 63
 - What's in the lady's chest? paraffin plombage (TYRS) 164
- Three dimensional view of flow-volume curves 380
- Tracheostomies, Method for connecting pulmonary function testing equipment 753
- Tracheostomy tube fenestration (letter) 1246
- Training, Ventilatory muscle 278
- Treatment, ARDS in next decade 249
- Ventilation, Synchronous independent lung, in treatment of unilateral contusion 361
- Ventilator check time, Impact of computerization 144
- Ventilator circuit change and infection control (letter) 944
- Ventilator circuit-change frequency (letter) 308
- Ventilator-dependent students, Scholarships for (letter) 946
- Ventilator mode, effect of, on arterial oxygen desaturation 1013
- Ventilatory management of muscular dystrophy patients following spinal fusion 829
- Ventilatory management, Postoperative 603
- Ventilatory muscle training 278
- Vitometer, simple device for measuring vital capacity, Evaluation of 1144
- Weight training and backpacking in COPD 1202
- X-ray bee (letter) 169